

Technical Data Sheet

Particle Filtering Half Mask

Dräger X-plore 1900 EN series

1.0	General Data																									
1.1	Manufacturer	Dräger Safety AG & Co. KGaA, Revalstraße 1, D - 23560 Lübeck, Germany.																								
1.2	Designation & part no.	<table border="0"> <tr> <td>Dräger X-plore® 1910 FFP1 NR D, size M/L</td> <td>395 1910</td> </tr> <tr> <td>Dräger X-plore® 1910 FFP1 NR D, size S</td> <td>395 1911</td> </tr> <tr> <td>Dräger X-plore® 1910 V FFP1 NR D, size M/L</td> <td>395 1915</td> </tr> <tr> <td>Dräger X-plore® 1910 V FFP1 NR D, size S</td> <td>395 1916</td> </tr> <tr> <td>Dräger X-plore® 1920 FFP2 NR D, size M/L</td> <td>395 1920</td> </tr> <tr> <td>Dräger X-plore® 1920 FFP2 NR D, size S</td> <td>395 1921</td> </tr> <tr> <td>Dräger X-plore® 1920 V FFP2 NR D, size M/L</td> <td>395 1925</td> </tr> <tr> <td>Dräger X-plore® 1920 V FFP2 NR D, size S</td> <td>395 1926</td> </tr> <tr> <td>Dräger X-plore® 1930 FFP3 NR D, size M/L</td> <td>395 1930</td> </tr> <tr> <td>Dräger X-plore® 1930 FFP3 NR D, size S</td> <td>395 1931</td> </tr> <tr> <td>Dräger X-plore® 1930 V FFP3 NR D, size M/L</td> <td>395 1935</td> </tr> <tr> <td>Dräger X-plore® 1930 V FFP3 NR D, size S</td> <td>395 1936</td> </tr> </table>	Dräger X-plore® 1910 FFP1 NR D, size M/L	395 1910	Dräger X-plore® 1910 FFP1 NR D, size S	395 1911	Dräger X-plore® 1910 V FFP1 NR D, size M/L	395 1915	Dräger X-plore® 1910 V FFP1 NR D, size S	395 1916	Dräger X-plore® 1920 FFP2 NR D, size M/L	395 1920	Dräger X-plore® 1920 FFP2 NR D, size S	395 1921	Dräger X-plore® 1920 V FFP2 NR D, size M/L	395 1925	Dräger X-plore® 1920 V FFP2 NR D, size S	395 1926	Dräger X-plore® 1930 FFP3 NR D, size M/L	395 1930	Dräger X-plore® 1930 FFP3 NR D, size S	395 1931	Dräger X-plore® 1930 V FFP3 NR D, size M/L	395 1935	Dräger X-plore® 1930 V FFP3 NR D, size S	395 1936
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1.3	Intended use	Protection against solid and liquid non-volatile particles. Scope of protection as indicated by product documentation, technical standards and installed application rules.																								
1.4	Relevant standards	EN 149: 2001+A1:2009 (Particle Filtering Half Masks).																								
1.5	Approval	CE type approval test certificate, tests carried out and granted by accredited and notified body Institut für Arbeitsschutz der Deutschen gesetzlichen Unfallversicherung (IFA).																								

2.0	Design & Construction	
2.1	Materials*	<p>Particle filter: Mechanical + electrostatically charged nonwoven material.</p> <p>Head strap / holder: Polyester and elastane / Polypropylene</p> <p>Valve housing / disc: Polypropylene / Isoprene</p> <p>Nose clip (integrated): Tinplate, free of aluminium.</p> <p>Nose seal: synthetic foam</p> <p>* all materials are latex-free</p>
2.2	Construction	The particle filtering half masks X-plore 1900 consist of several layers of nonwoven materials, partly with electrostatical charge.
2.3	Working principle	Particle filtration by combined electrostatically charged and mechanical filter media.
2.4	Shelf life	4 years
2.5	Dimensions	215 x 80 x 10 mm (non-valve) / 215 x 80 x 23 mm (with valve).

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3.0	Performance Data	(minimum data in accordance with standard, incl. loading test with 120 mg paraffin oil.)	
3.1	Particle filtration efficiency (EN 149)	Test aerosols and minimum efficiency:	sodium chloride: 80% FFP1, 94 % FFP2, 99% FFP3 paraffin oil: 80% FFP1, 94 % FFP2, 99% FFP3
3.2	Gas filtration capacity	Not applicable.	
3.3	Breathing resistance inhalation (EN149)	at 30 litres/min, constant flow:	max. 0,6 mbar FFP1 max. 0,7 mbar FFP2 max 1,0 mbar FFP3
		at 95 litres/min, constant flow:	max. 2,1 mbar FFP1 max. 2,4 mbar FFP2 max 3,0 mbar FFP3
	Breathing resistance exhalation (EN 149)	at 160 litres/min, constant flow:	max. 3,0 mbar, for FFP1, FFP2 and FFP3.
3.4	Dolomite Clogging Test	Passed	

4.0	Documentation		
4.1	Markings	Label: markings in accordance with EN 149: 2001+A1:2009, expiry date, producer and approval number. Approval marking: CE 0158.	
4.2	Instructions for use	Each smallest packaging unit of masks is accompanied by an instruction for use.	

5.0	Packing & Packaging		
5.1	Packing	Each mask is packed hygienically in a single plastic bag.	
5.2	Packaging units	Excl. exhalation valve, 20 pcs. each box	
		V versions incl. exhalation valve, 10 pcs. each box	

6.0	User notes and limitations	Dräger Safety AG & Co. KGaA guarantees the performance indicated by the class and type of the filter it is marked with. It must be noted that laboratory values differ from those that can be measured in practise. This may result in longer or shorter break through times. The user must read and understand the instructions for use. Additionally the knowledge of all relevant application rules is vital (see in particular the limitations in use). Further information on request.	
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Dräger Safety AG & Co. KGaA